FIG. 1

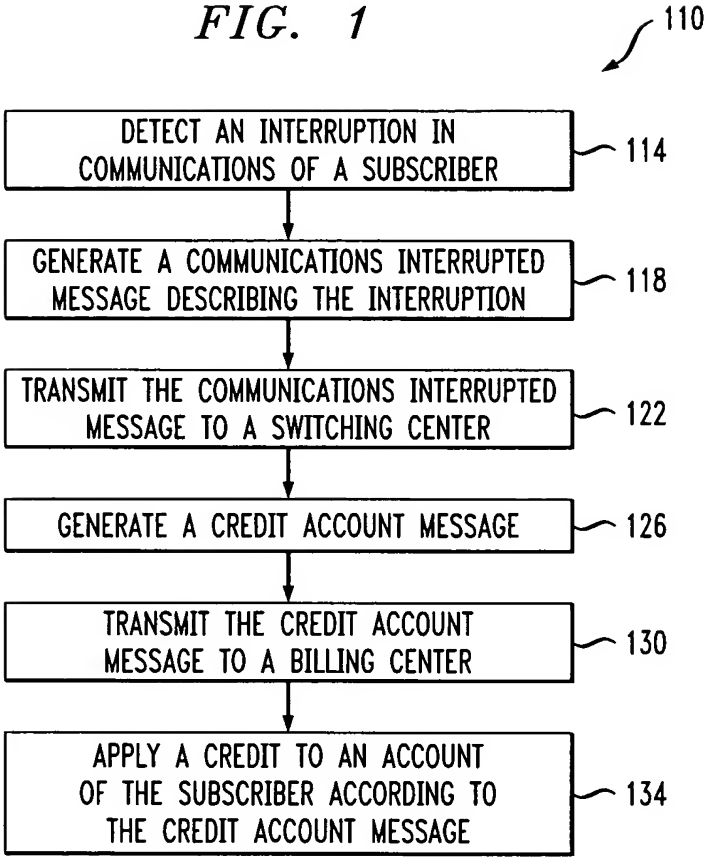

110
DETECT AN INTERRUPTION IN COMMUNICATIONS OF A SUBSCRIBER
114
GENERATE A COMMUNICATIONS INTERRUPTED MESSAGE DESCRIBING THE INTERRUPTION
118
TRANSMIT THE COMMUNICATIONS INTERRUPTED MESSAGE TO A SWITCHING CENTER
122
GENERATE A CREDIT ACCOUNT MESSAGE
126
TRANSMIT THE CREDIT ACCOUNT MESSAGE TO A BILLING CENTER
130
APPLY A CREDIT TO AN ACCOUNT OF THE SUBSCRIBER ACCORDING TO THE CREDIT ACCOUNT MESSAGE
134

FIG. 2

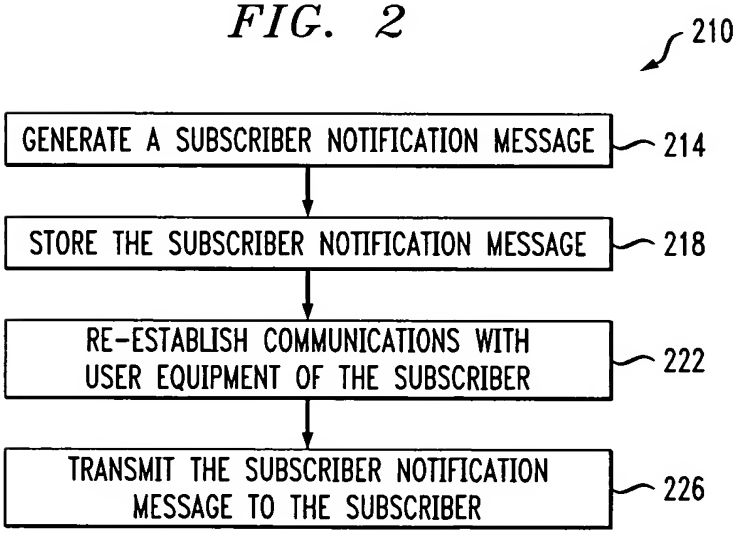

210
GENERATE A SUBSCRIBER NOTIFICATION MESSAGE
214
STORE THE SUBSCRIBER NOTIFICATION MESSAGE
218
RE-ESTABLISH COMMUNICATIONS WITH USER EQUIPMENT OF THE SUBSCRIBER
222
TRANSMIT THE SUBSCRIBER NOTIFICATION MESSAGE TO THE SUBSCRIBER
226

FIG. 3

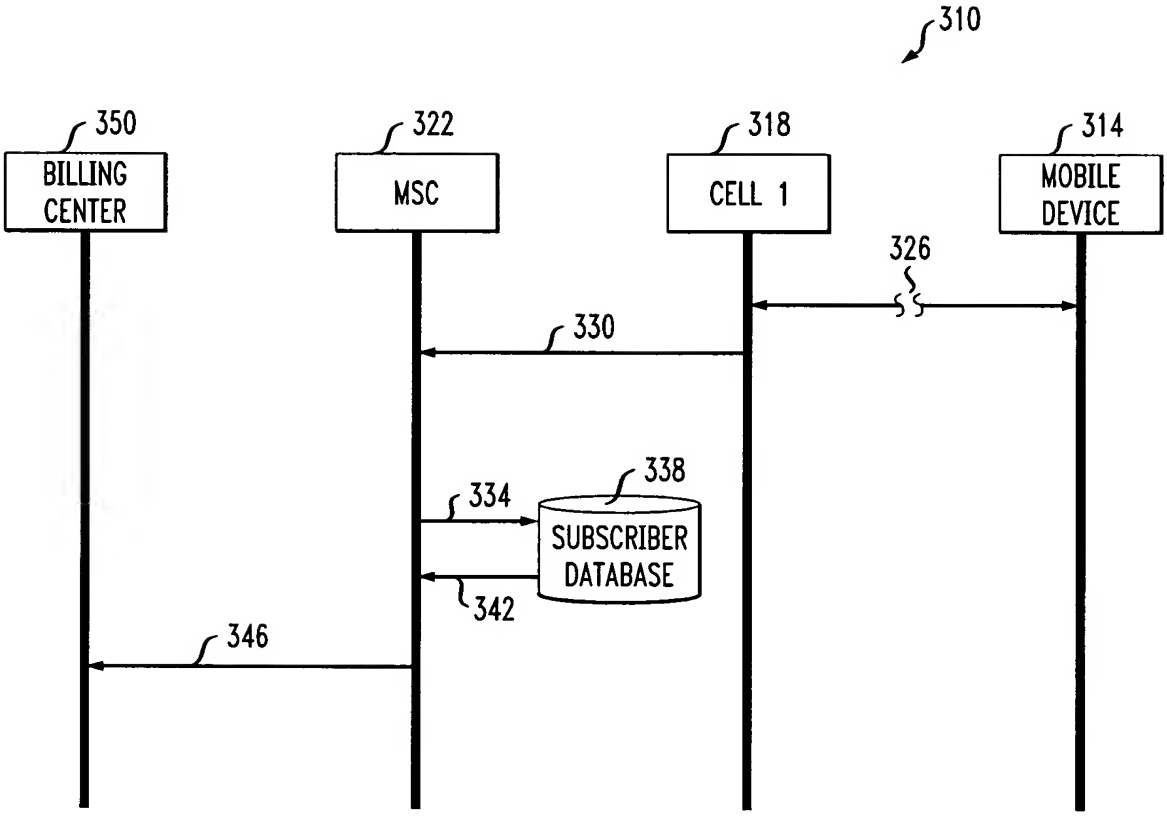
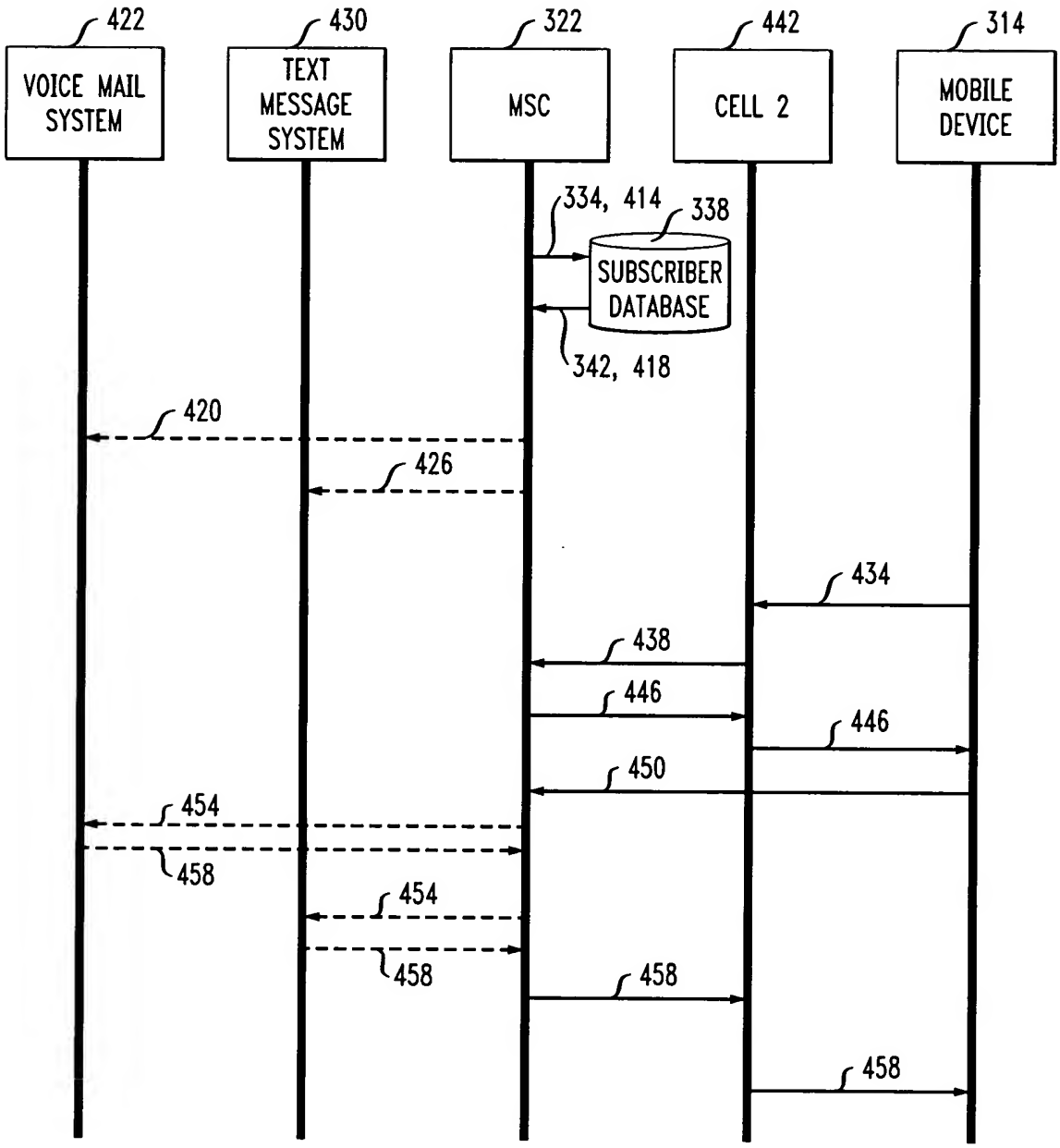

310
350
BILLING CENTER
322
MSC
318
CELL 1
314
MOBILE DEVICE
326
330
338
334
SUBSCRIBER DATABASE
342
346

FIG. 4


422
VOICE MAIL SYSTEM
430
TEXT MESSAGE SYSTEM
322
MSC
442
CELL 2
314
MOBILE DEVICE
334, 414
338
SUBSCRIBER DATABASE
342, 418
420
426
434
438
446
446
450
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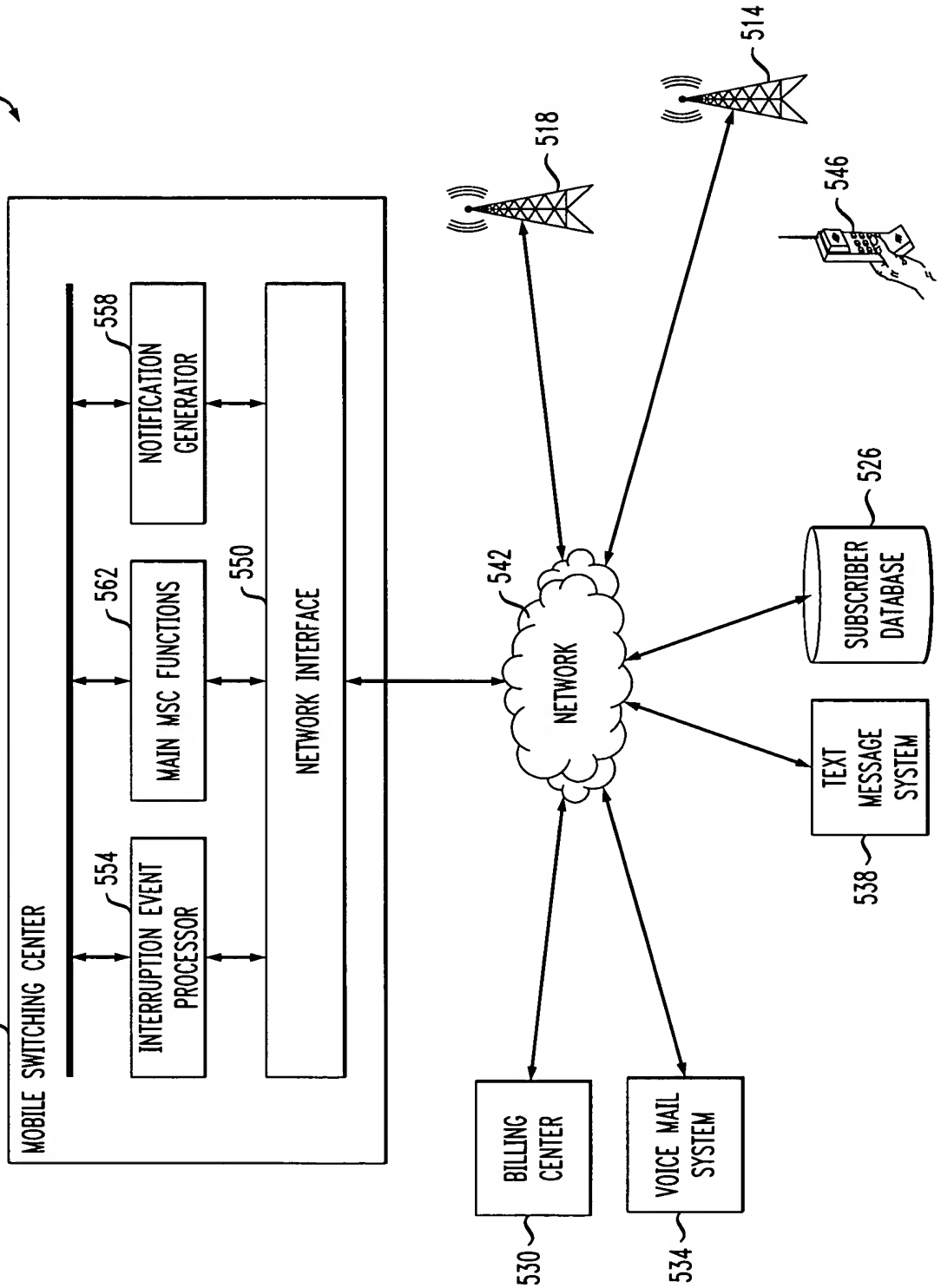
458
454
458
458
458

FIG. 5


510
MOBILE SWITCHING CENTER
522
INTERRUPTION EVENT PROCESSOR
554
MAIN MSC FUNCTIONS
562
NOTIFICATION GENERATOR
558
NETWORK INTERFACE
550
NETWORK
542
518
514
546
SUBSCRIBER DATABASE
526
TEXT MESSAGE SYSTEM
538
BILLING CENTER
530
VOICE MAIL SYSTEM
534